

ANSWER 1 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN  
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TI Antibiotics isolated from *Lindera obtusiloba*  
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PA S. Korea  
SO Repub. Korea, No pp. given  
CODEN: KRXXFC

DT Patent

LA Korean

IC ICM A61K035-78

CC 63-4 (Pharmaceuticals)

Section cross-reference(s): 1, 11

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	KR 214801	B1	19990802	KR 1996-44135	19961005
PRAI	KR 1996-44135				

CLASS

	PATENT NO.	CLASS	PATENT FAMILY	CLASSIFICATION CODES
	KR 214801	ICM	A61K035-78	
		IPCI	A61K035-78	[ICM, 7]

AB An exts. of a stem of *Lindera obtusiloba* is provided which is used as essential oil and has excellent antibacterial effects on *Pseudomonas aeruginosa* and *Staphylococcus aeruginosa* strains, theretofore is used as antibiotics. Also, a preparation method thereof is provided. A main component of an exts. of a stem of *Lindera obtusiloba* is identified as a material selected from a group consisting of sabinene, beta-myrcene, L-limonene, cis-3-hexanol, gamma-terpinene, (z)-3-hexene-1-ol acetate, gamma-elemene, L-borneol, ledene, gamma-selinene, beta-eudesmol, ethylbenzene, camphor and elemol. The exts. of a stem of *Lindera obtusiloba* can be prepared by supercrit. extraction, water vapor extraction or solvent extraction

ST antibiotic ext *Lindera* isolation

IT Antibiotics

*Lindera obtusiloba*

*Pseudomonas aeruginosa*

*Staphylococcus*

(antibiotics isolated from *Lindera obtusiloba*)

IT Natural products, pharmaceutical

RL: NPO (Natural product occurrence); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); OCCU (Occurrence); USES (Uses)  
(antibiotics isolated from *Lindera obtusiloba*)

IT 76-22-2P, Camphor 99-85-4P,  $\gamma$ -Terpinene 100-41-4P, Ethylbenzene, biological studies 123-35-3P,  $\beta$ -Myrcene 464-45-9P, L-Borneol 473-15-4P,  $\beta$ -Eudesmol 515-17-3P,  $\gamma$ -Selinene 639-99-6P, Elemol 928-96-1P, cis-3-Hexenol 3387-41-5P, Sabinene 3681-71-8P 5989-54-8P 21747-46-6P, Ledene 29873-99-2P,  $\gamma$ -Elemene

RL: NPO (Natural product occurrence); PAC (Pharmacological activity); PUR (Purification or recovery); THU (Therapeutic use); BIOL (Biological study); OCCU (Occurrence); PREP (Preparation); USES (Uses)  
(antibiotics isolated from *Lindera obtusiloba*)